

*Stephanopachys sachalinensis* (MATSUMURA, 1911)  
(Coleoptera, Bostrichidae), a New Synonym of  
*Stephanopachys substriatus* (PAYKULL, 1800)

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The genus *Stephanopachys* WATERHOUSE is widely distributed in the Palearctic and Nearctic Regions, and consists of 15 species (BOROWSKI & WĘGRZYNOWICZ, 2007). All known species are associated with conifers, primarily with pine trees (*Pinus* L.). Therefore, a species of *Stephanopachys* has been collected primarily in the boreal parts of the Holarctic Region (in areas with warmer climates they occur in mountains and foothills).

In the Asian part of the Palearctic Region, 3 species of the genus *Stephanopachys* was recorded: *S. substriatus* (PAYKULL), *S. linearis* (KUGELAN), and *S. sachalinensis* (MATSUMURA).



Fig. 1. Holotype of *Rhyzopertha sachalinensis* MATSUMURA [= *Stephanopachys substriatus* (PAYKULL)], habitus, dorsal view.



Fig. 2. *Stephanopachys substriatus* (PAYKULL), habitus, dorsal view.



Fig. 3. Labels of the holotype of *Rhyzopertha sachalinensis* MATSUMURA [= *Stephanopachys substriatus* (PAYKULL)]. Reverse of the label contains the name of locus typicus "Solovyovka" written in Japanese characters.

Due to the very wide geographical distribution of *S. substriatus* (from Norway, throughout the northern Palearctic, to the Nearctic), we suspected that the specimen described by MATSUMURA (1911) from Solovyovka (most southern part of Sakhalin, Russia), under the name *Rhyzopertha sachalinensis* (= *Stephanopachys sachalinensis*), really belongs to the widely distributed species, *substriatus*.

Through the courtesy of Professor Masahiro ÔHARA from The Hokkaido University Museum, we have opportunity to study the holotype of *Rhyzopertha sachalinensis* and it confirmed earlier speculation. Thus, *Rhyzopertha sachalinensis* MATSUMURA is a junior synonym of *Stephanopachys substriatus* (PAYKULL).

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